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| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application No. | 10/816,259 |
| | | Filing Date | March 31, 2004 |
| | | First Named Inventor | Mukul P. Renavikar |
| | | Art Unit | 2818 |
| | | Examiner Name | Le, Dung Anh |
| Total Number of Pages in This Submission | 22 | Attorney Docket Number | 42P19022 |

| ENCLOSURES (check all that apply) | | |
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| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | William Thomas Babbitt, Reg. No. 39,591 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
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| Date | 5/11/06 |

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| Typed or printed name | Suzanne Johnston | | |
| Signature | | Date | 5/12/06 |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re the Application of:

MUKUL P. RENAIVIKAR, ET AL.

Application No.: 10/816,259

Filed: March 31, 2004

For: **Creation of Electron Traps in Metal
Nitride and Metal Oxide Electrodes in
Polymer Memory Devices**

Art Group: 2818

Examiner: Le, Dung Anh

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed). This IDS and IDS Citation Form are being submitted before the mailing of a final Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

It is hereby stated that no item of information contained in the Information Disclosure Statement was cited in a patent office in a counterpart application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual associated with the filing or prosecution of the subject application more than three months prior to the filing of the Information Disclosure Statement.

The references were cited in a Search Report dated April 7, 2006 (copy enclosed herewith) in a counterpart PCT application.

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 5/11/06

William Thomas Babbitt
William Thomas Babbitt, Reg. No. 39,591

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Suzanne Johnston
Suzanne Johnston

5/12/06
Date



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

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Complete if Known

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| Application Number | 10/816.259 |
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| First Named Inventor | Mukul P. Renavikar |
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| Art Unit | 2818 |
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| Examiner Name | Le, Dung Anh |
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| Attorney Docket Number | 42P19022 |
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U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

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| | | | | First Named Inventor | Mukul P. Renavikar |
| | | | | Art Unit | 2818 |
| | | | | Examiner Name | Le, Dung Anh |
| Sheet | 2 | of | 2 | Attorney Docket Number | 42P19022 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Kuo, Y., et al., "Tantalum Nitride Interface Layer Influence on Dielectric Properties of Hafnium Doped Tantalum Oxide High Dielectric Constant Thin Films", Japanese Journal of Applied Physics, Vol. 42, No. 7A, Part 2, 1 July 2003, pp. L769-L771. | |
| | | PCT Search Report and Written Opinion dated April 7, 2006 for International Application No. PCT/US2005/010921, filed 31 March 2005 (12 pages). | |
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| Examiner Signature | | Date Considered | |
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